

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20030119925".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 16:40
S2	1	"20060173086".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 16:41
S3	1	"3772262".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:33
S4	0	"2003119925".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:35
S5	1	"20030119925".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:35
S6	1	"3933574".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:37
S7	1	"6989404".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:41
S8	1	"7135546".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:46
S9	7	((ERIC) near2 (FASSI AU)).INV.	US-PGPUB; USPAT	OR	ON	2008/06/16 09:04
S10	2	((DENIS) near2 (GEETS)).INV.	US-PGPUB; USPAT	OR	ON	2008/06/16 09:04
S11	19	((ERIC) near2 (FASSI AU)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/16 09:04
S12	2	("20030119925"   "6172125").PN.	US-PGPUB; USPAT	OR	ON	2008/06/16 11:52
S13	1	"4668768".pn.	US-PGPUB; USPAT	OR	ON	2008/06/16 12:26
S14	1	"4071479".pn.	US-PGPUB; USPAT	OR	ON	2008/06/16 12:36

S15	64	("2914492"   "2915482"   "3043785"   "3232891"   "3256212"   "3624009"   "3666691"   "3836486"   "3912664").PN. OR ("4071479").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/16 13:21
S16	1	"4038219".pn.	US-PGPUB; USPAT	OR	ON	2008/06/16 16:05
S17	1	"3668302".pn.	US-PGPUB; USPAT	OR	ON	2008/06/16 16:08
S18	1443	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or flocculat\$)and (PVC or polyvinyl adj chloride)	US-PGPUB; USPAT	OR	ON	2008/06/16 16:23
S19	756	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol))	US-PGPUB; USPAT	OR	ON	2008/06/16 16:26
S20	1	"6172125".pn.	US-PGPUB; USPAT	OR	ON	2008/06/16 16:53
S21	9	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol)).ab.	US-PGPUB; USPAT	OR	ON	2008/06/16 16:59
S22	7	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol)).ab.	DERWENT	OR	ON	2008/06/16 17:05
S23	84656	water and ((methyl adj ethyl adj ketone) or (methylethyl adj ketone)or MEK)	US-PGPUB; USPAT	OR	ON	2008/06/16 17:20
S24	237	S19 and S23	US-PGPUB; USPAT	OR	ON	2008/06/16 17:20
S25	4921	(recycl\$ or recover)and PVC and (dispers\$ or surfactant or emulsif\$ or (phase adj separat\$))	US-PGPUB; USPAT	OR	ON	2008/06/16 17:32
S26	505	(recycl\$ or recover)and PVC and (dispers\$ or surfactant or emulsif\$ or (phase adj separat\$)).ab.	US-PGPUB; USPAT	OR	ON	2008/06/16 17:34
S27	1	((recycl\$ or recover)and PVC and (dispers\$ or surfactant or emulsif\$ or (phase adj separat\$))).ab.	US-PGPUB; USPAT	OR	ON	2008/06/16 17:40

S28	1	(solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol))).ab.	US-PGPUB; USPAT	OR	ON	2008/06/16 17:44
S29	4393	precipitat\$ and PVC and (surfactant or emulsif\$ or dispersant or (phase adj separat\$))	US-PGPUB; USPAT	OR	ON	2008/06/16 17:46
S30	0	(precipitat\$ and PVC and (surfactant or emulsif\$ or dispersant or (phase adj separat\$))).ab.	US-PGPUB; USPAT	OR	ON	2008/06/16 17:46
S31	119	(precipitat\$ and polymer and (surfactant or emulsif\$ or dispersant or (phase adj separat\$))).ab.	US-PGPUB; USPAT	OR	ON	2008/06/16 17:47
S32	101	precipitat\$ and PVC and (surfactant or emulsif\$ or dispersant or (phase adj separat\$)) and "521".clas.	US-PGPUB; USPAT	OR	ON	2008/06/16 17:50
S33	7130	solvay.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/16 18:45
S34	23	S33 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/16 18:46
S35	1	"6291013".pn.	US-PGPUB; USPAT	OR	ON	2008/06/27 11:59
S36	1	"10564589"	US-PGPUB; USPAT	OR	ON	2008/09/17 14:19
S37	1	"10564700"	US-PGPUB; USPAT	OR	ON	2008/09/17 14:23
S38	50	("20060173085" "20060173086" "4144025" "5833891" "4152276" "4191680" "4304701" "5202400" "5478564" "5800607" "5869570" "5912294" "6884438" "20040182711" "20040230068" "20040235678" "20050084790" "20070138675" "5358822" "6939589" "20040072361" "20040105977" "20040154640" "5723137" "4760009" "5998317" "20040115123" "3753760" "3991226" "4071594" "4362838" "4363887" "4822405" "4971617" "5139152" "5663217" "5858927" "6037090" "6100221" "6450719" "6514485" "6773496" "6916365" "7105289" "20020077371" "20020134487" "20020144627" "20020198108" "20030165882" "20030201022" ).pn.	US-PGPUB; USPAT	OR	ON	2008/11/18 18:54

S39	596	(521/40,46.5,48,48.5).ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 18:55
S40	2620	528/272.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 18:55
S41	507	521/91.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:04
S42	47	428/843.1.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:05
S43	1588	(solvent same (nonsolvent or (non adj solvent))) and dispersant	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:07
S44	459	(solvent same (nonsolvent or (non adj solvent))) and dispersant and ((cellulose adj ether) or (polyvinyl adj alcohol))	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:08
S45	1	S39 and S44	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:08
S46	3	S40 and S44	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:09
S47	0	S41 and S44	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:09
S48	0	S42 and S44	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:09
S49	7	((ERIC) near2 (FASSIAU)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:16
S50	2	((DENIS) near2 (GEETS)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:17
S51	1679	solvay.as.	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:17
S52	2	S51 and S44	US-PGPUB; USPAT	ADJ	ON	2008/11/18 19:17
S53	1	"20060173086".pn.	US-PGPUB; USPAT	OR	ON	2008/11/19 10:15
S54	10	((ERIC) near2 (FASSIAU)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/16 19:07

S55	844	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or floculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol))	US-PGPUB; USPAT	OR	ON	2009/08/16 19:07
S56	4	S55 and S54	US-PGPUB; USPAT	ADJ	ON	2009/08/16 19:07
S57	2	((DENIS) near2 (GEETS)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/16 19:07
S58	1	S55 and S57	US-PGPUB; USPAT	ADJ	ON	2009/08/16 19:07
S59	1791	solvay.as.	US-PGPUB; USPAT	ADJ	ON	2009/08/16 19:28
S60	6	S59 and S55	US-PGPUB; USPAT	ADJ	ON	2009/08/16 19:29
S61	1484	(521/40,40.5,41.5,42,43,46,46.5,47,48,48.5,91).cls.	US-PGPUB; USPAT	ADJ	ON	2009/08/16 20:24
S63	1340	("528/480,500").cls.	US-PGPUB; USPAT	ADJ	ON	2009/08/16 20:25
S64	844	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat\$) or floculat\$ or floculant)and (PVC or (polyvinyl adj chloride))and ((cellulose adj ether) or (polyvinyl adj alcohol))	US-PGPUB; USPAT	OR	ON	2009/08/16 20:30
S65	6	S61 and S64	US-PGPUB; USPAT	OR	ON	2009/08/16 20:31
S66	2	S63 and S64	US-PGPUB; USPAT	OR	ON	2009/08/16 20:31
S83	543	(521/40.5,42.5,44,45,46.5).cls.	US-PGPUB; USPAT	ADJ	ON	2009/12/31 21:56
S84	2221	(528/491,495,499).cls.	US-PGPUB; USPAT	ADJ	ON	2009/12/31 21:57
S85	1252	(polymer and solvent and (nonsolvent or (non adj solvent) or non \$solvent)or (antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	US-PGPUB; USPAT	OR	ON	2009/12/31 21:57

S86	5	S85 and S83	US-PGPUB; USPAT	OR	ON	2009/12/31 21:57
S87	39	S85 and S84	US-PGPUB; USPAT	OR	ON	2009/12/31 21:57

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S67	1692	(solvent and (nonsolvent or (non adj solvent) or non\$solvent) or (antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant or emulsifier or dispersing or surfactant)).clm.	USPAT; UPAD	OR	ON	2009/08/16 20:48
S68	1607	(solvent and (nonsolvent or (non adj solvent) or non\$solvent) or (antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant or emulsifier or dispersing or surfactant)and (polyvinyl adj alcohol)).clm.	USPAT; UPAD	OR	ON	2009/08/16 20:49
S69	1602	(solvent and (nonsolvent or (non adj solvent) or non\$solvent) or (antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant or emulsifier or dispersing or surfactant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/08/16 20:50
S70	1600	(solvent and (nonsolvent or (non adj solvent) or non\$solvent) or (antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/08/16 20:50
S71	877	(polymer and solvent and (nonsolvent or (non adj solvent) or non\$solvent)or (antisolvent or (anti adj solvent) or anti \$solvent or precipitant) and (dispersant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/08/16 20:51
S72	126	((recover\$4 or recycl\$) and polymer and solvent and (nonsolvent or (non adj solvent) or non\$solvent)or (antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/08/16 21:03

S74	0	((recover\$4 or recycl\$) and polymer and solvent and (nonsolvent or (non adj solvent) or non\$solvent or antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/08/16 21:09
S75	0	((recover\$4 or recycl\$) and polymer and solvent and (nonsolvent or (non adj solvent) or non\$solvent or antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant or surfactant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/08/16 21:10
S76	2	((recover\$4 or recycl\$) and polymer and solvent and (nonsolvent or (non adj solvent) or non\$solvent or antisolvent or (anti adj solvent) or anti\$solvent or precipitant) and (dispersant or surfactant)and (polyvinyl adj alcohol)).clm.	USPAT; UPAD	OR	ON	2009/08/16 21:10
S77	4	((ERIC) near2 (FASSIAU)).INV.	USPAT; UPAD	OR	ON	2009/12/31 19:31
S78	0	((DENIS) near2 (GEETS)).INV.	USPAT; UPAD	OR	ON	2009/12/31 19:31
S79	1292	solvay.as.	USPAT; UPAD	OR	ON	2009/12/31 19:32
S80	506	solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$ or flocculant)and (PVC or (polyvinyl adj chloride)) and ((cellulose adj ether) or (polyvinyl adj alcohol))	USPAT; UPAD	OR	ON	2009/12/31 19:32
S81	2	S79 and S80	USPAT; UPAD	OR	ON	2009/12/31 19:33
S82	4	(solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$ or flocculant)and (PVC or (polyvinyl adj chloride)) and ((cellulose adj ether) or (polyvinyl adj alcohol))).clm.	USPAT; UPAD	OR	ON	2009/12/31 19:40
S88	505	(521/40,46.5,48,48.5).ccls.	USPAT; UPAD	ADJ	ON	2009/12/31 21:34
S89	1186	("528/480,500").ccls.	USPAT; UPAD	ADJ	ON	2009/12/31 21:34
S90	876	(polymer and solvent and (nonsolvent or (non adj solvent) or non\$solvent)or (antisolvent or (anti adj solvent) or anti \$solvent or precipitant) and (dispersant)and (polyvinyl adj alcohol) and (DH or (degree of hydrolysis))).clm.	USPAT; UPAD	OR	ON	2009/12/31 21:35
S91	3	S90 and S88	USPAT; UPAD	ADJ	ON	2009/12/31 21:35
S92	7	S90 and S89	USPAT; UPAD	ADJ	ON	2009/12/31 21:35
S93	499	(521/40.5,42.5,44,45,46.5).ccls.	USPAT; UPAD	ADJ	ON	2009/12/31 21:54

S94	2134	(528/491,495,499).ccls.	USPAT; UPAD	ADJ	ON	2009/12/31 21:54
S95	2	S90 and S93	USPAT; UPAD	ADJ	ON	2009/12/31 21:54
S96	38	S90 and S94	USPAT; UPAD	ADJ	ON	2009/12/31 21:54

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